

**PROCESS FOR THE PREPARATION OF A COATING, A COATED
SUBSTRATE, AN ADHESIVE, FILM OR SHEET**

ABSTRACT OF THE DISCLOSURE

5 A process for the preparation of a coating, coated substrate, film or sheet, in which process a coating mixture comprising a reactive system of polyisocyanate-functional, a polyketone-functional, a polyepoxide-functional, a polyanhydride-functional and/or a poly carbonate-functional 10 compound or polymer and a dispersion or fine powder of a compound containing a reactive hydrogen, which mixture is not or low reactive at room temperature, is applied onto a substrate, resulting in a substrate coated with the coating mixture, followed by reacting the compounds mentioned above 15 by elevating the temperature, in a substrate coated with the coating mixture, followed by reacting the compounds mentioned above by elevating the temperature, in which the reaction temperature and consequently the reaction rate can be adjusted as desired by the addition of an additive to the 20 coating mixture, or to one of the reactants of the coating mixture, prior to the mixing with the other component. According to the invention optionally a second reactive system is present and both systems are essentially reacted as a sequential two step reaction and between these reaction 25 steps the coating is remoulded. The invention further comprises a product obtained by the process.